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(71) Applicant (for all designated States except US):  
**METHANOL CASALE S.A.** [CH/CH]; Via Giulio  
Pocobelli, 6, CH-6900 Lugano (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FILIPPI, Ermanno**

[IT/CH]; Strada di Gandra, 73, CH-6976 Castagnola (CH).  
**RIZZI, Enrico** [IT/IT]; Via Manzoni, 4, I-22070 Casnate  
con Bernate (IT). **TAROZZO, Mirco** [IT/CH]; Via L. Pif-  
faretti, CH-6853 Ligornetto (CH).

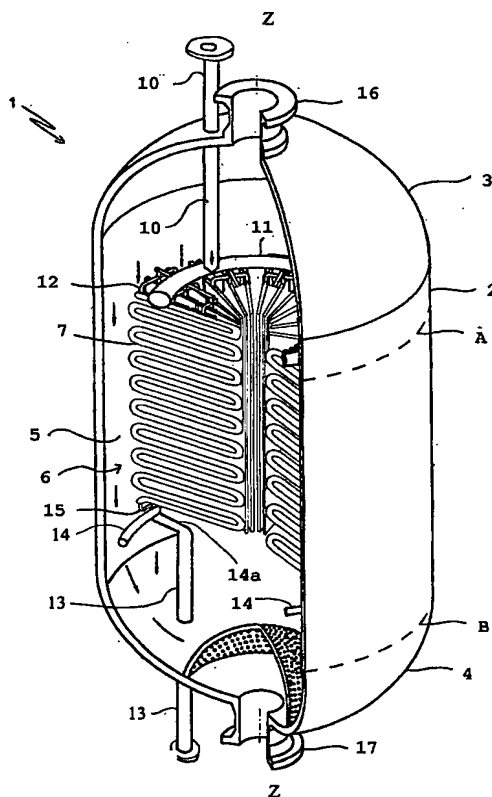
(74) Agent: **ZARDI, Marco**; M. Zardi & Co. S.A., Via Pioda,  
6, CH-6900 Lugano (CH).

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(54) Title: PSEUDO-ISOTHERMAL CHEMICAL REACTOR FOR HETEROGENEOUS CHEMICAL REACTIONS



(57) Abstract: Pseudo-isothermal chemical reactor for heterogeneous chemical reactions comprising a substantially cylindrical shell closed at the opposite ends by respective bottoms, upper and lower, a reaction zone containing at least one catalytic bed and at least one tubular heat exchanger, intended to be crossed, along a predetermined direction, by an operating heat exchange fluid and embedded in said catalytic bed.



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